

10/018618

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17 DEC 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

MAARTEN BRUSSEE ET AL.

NL 000188

Serial No. 10/018618

12-17-01

Filed: CONCURRENTLY

Group Art Unit 1791

SAH
3A
8202

Title: METHOD OF CONTROLLING AN ELECTROCHEMICAL MACHINING PROCESS

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend claims 32, 33 and 70 as follows:

A [Amended] 32. A method according to claim 30, wherein the duration of the pulse like period is reduced to a value smaller than a seeding time required for formation of gas bubbles in the electrolyte, such as for instance the formation of hydrogen gas.

[Amended] 33. A method according to claim 30, wherein the pulse period is reduced to a value between 10 to 100 microseconds.

A² 70. [Amended] Arrangement according to claim 68, wherein the pulsed current source (26, 29) is adapted to apply electric pulses with a duration of the pulse like period reduced to a value smaller than a seeding time required for formation of gas bubbles in the electrolyte, such as for instance the formation of hydrogen gas.